

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
40 Days Or
1,178,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through August 3
Phone 7755
For Daily Report
On Accident-Free Hours

Home Labor-Saving Devices Lead Safety Award Selection List

Electric Drill Tops In Choices By Y-12ers

Union Carbide Nuclear Company employees who helped the Y-12 Plant Area establish its record-breaking accident-free period of 5,394,077 hours of plant operations without a lost time accident showed a wide variety of tastes in selecting their individual safety awards for the accomplishment. The period extended from December 7, 1957, to June 3 of this year. This Union Carbide Corporation Safety Period was the 22nd posted in the Y-12 Plant Area and is by

far the best record by any Company plant, laboratory or mill. It also is tops among the contractors of the Oak Ridge Operations of the Atomic Energy Commission.

"Do-it-yourself" Y-12ers with their home workshops forged to the front in the selections, as 1,327 of the one-quarter inch electric drills proved by far the most popular item in the list of 18 articles offered. The handy little gadgets will do away with a lot of tiresome hand boring. The Coleman gasoline stove finished second in the selections with 689 being selected while in third place was a household labor-saver, the steam and

dry iron ordered by 606 Y-12ers—many most probably on wifely instructions.

Another household article came in fourth in the voting with 510 portable mixers being chosen. Still another kitchen accessory was fifth with 476 sandwich-waffle grills being ordered. Following this trend, it is not surprising that 449 pressure cookers were selected to run sixth and in seventh place came the electric percolator with 388 chosen. To go along with the coffee, sandwiches or waffles can be toast with 304 electric toasters having been picked to rate eighth in the list.

Food Preparation Items Also Prove Popular

Punctuality may be improved for Y-12 award recipients as a total of 235 Timex self-winding and waterproof watches were selected for ninth place. Of these 165 were for men and 70 for women. Again returning to the food category ice cream seems to be popular with Y-12ers as 199 of the ice cream freezers were chosen with the item in 10th place. In 11th place came the stainless steel tableware set of 32 pieces with 185 being picked.

There must be some modern day Diogenes around the premises seeking honest men by lantern light—but doing it the modern way by ordering 173 Coleman gasoline lanterns with the item coming in 12th in the picking. Then in 13th place was the wheelbarrow chosen by 152 recipients.

After these endeavors 143 folks may sit down and play cards—or eat some victuals prepared by previously ordered articles off of the card tables with the item being 14th in popularity.

Fishermen around the place must be well equipped—or going out of business—as only 76 spinning reels offered were chosen to finish 15th. In 16th place came the set of two life jackets and cushion for boat safety. Then came the knife-scissors sharpener in 17th place and chosen by 53. Trail-ing the selections in 18th place was the spinning and casting fishing rod with only 13 persons expressing their preference for it.

The articles all have been ordered by the Safety Department and the date of distribution will be announced in The Bulletin when they all arrive.



THE BULLETIN

A NEWSPAPER BY AND FOR Y-12 EMPLOYEES OF UNION CARBIDE NUCLEAR COMPANY
DIVISION OF UNION CARBIDE CORPORATION

Vol. 12 — No. 32

OAK RIDGE, TENNESSEE

Wednesday, August 5, 1958

6-9213

Central Parking Lot Expansion Work Starts

Space For 173 More Cars To Be Provided

Construction was scheduled to start on Monday of this week on enlargement of the parking facilities at the Central Parking Lot to ease the overcrowded situation there. The Roehl Construction Co., of Knoxville, has the contract for the project, which is expected to be completed by October 15.

A total of 173 more parking spaces will be provided by the expansion of the lot. Of this number, 113 will be provided by a new lane extending southward from Bear Creek Road and west of the present parking area. The remaining 60 will be in a smaller area which will extend from the east side of the present parking area to near Bldg. 9704-2 in the form of an inset from the present area.

During the early days of construction parking conditions will be worsened because excess earth to be excavated for the enlargement of the lot will be hauled across the south end of the present Central Parking Lot through a temporary gate in the newly constructed wooden fence just north of the present pedestrian walk from Bldg. 9704-2 to the Cafeteria. The dirt will be used to provide a uniform slope from Bldg. 9704-2 to First St.

The present pedestrian walk from Bldg. 9704-2 to the southeast end of the Central Parking Lot used for entrance and exit to and from the plant area will be removed during construction. It is recommended that Y-12ers who have been using this walk to and from Bldg. 9704-2 and the parking lot enter the plant area through the regular Guard post at the head of the parking lot, up the hill from the Cafeteria. The original walk will be relocated after the parking expansion project is completed.

While the moving of earth is in progress, no parking can be permitted in the bus turn-around area (now providing parking space for 16 cars) or in the roadway across the south end of the present lot.

LINDE APPOINTS WYMAN

Whitford S. Wyman has been appointed president of Linde Air Products Company, Division of Union Carbide Canada, Limited. He has been vice president and general manager of Linde since 1956 and joined the firm in 1928.

OLDEST LABOR SAVER

Among the many labor-saving devices commonly found in American homes today, the sewing machine is the oldest. It was patented in 1846.



HERE ARE THE SIX Y-12ERS WHO LEFT LAST WEEK to attend the 1958 International Conference on Peaceful Uses of Atomic Energy at Geneva, Switzerland, September 1-13. From left are Hayes Hunter, Project Engineering; J. C. Ezell, Electrical Maintenance; W. K. Whitson, Jr., Engineering Division Superintendent; Assistant Y-12 Superintendent George A. Strasser; H. K. Bailey and Don Matlock, both of Research Services. Clyde Dalton, Electrical Maintenance; and John Minchey, Buildings and Grounds, already are in Geneva. F. S. Patton, Jr., Process Analysis, will fly to Geneva later to deliver a paper at the conference.

WORTHY AGENCIES GET FUNDS FROM Y-12 GROUP

Another example of generosity on the part of a group of Y-12 employees is being shown by the J Shift group in the grinding room of the Sunflower Shop in the Mechanical Operations Division.

The group is operating a coffee fund with all profits going to some deserving agency. During the past week checks were written by the fund for several agencies, including \$50 for the Oak Ridge School for Retarded Children, a similar amount for the East Tennessee Children's Hospital and several smaller amounts for other beneficiaries.

UCCC Technical Service Work Featured In Article

The technical service philosophy of Union Carbide Chemicals Company is featured in the July 19 issue of "Chemical Week" magazine. Dr. Arthur B. Steele, manager of UCCC Technical Service Department, in an article in the magazine, discusses the reasons behind the Company's program.

In his opinion, "few customers can afford today to evaluate all new products becoming available for their industry." The raw material supplier, he contends, can provide new ideas and suggest how to capitalize on them to their customers. The article was prompted by the Company's announcement of the new technical service laboratory to be built at Westchester, N.Y.

PATTERSON NAMED PREXY

Gordon W. Patterson has been appointed president of National Carbon Company, Division of Union Carbide Canada, Limited. He joined the firm in 1935 and has been vice president since 1956.

June Accidents Mar Otherwise Fine Mark

11 Disabling Injuries Listed For Six Months

A rash of disabling injuries in a 20-day period in June, including the eight radiation exposure cases on June 16, put a blot on an otherwise outstanding safety record in the Y-12 Plant Area that extended from December 7, 1958, to June 3 of this year when the 22nd Union Carbide Safety Period was established with a record-breaking 5,394,077 man-hours of plant operation performed without a lost time accident.

Safety Department for the first half of 1958 reveal a total of 11 disabling injuries with 257 days of work lost. However, the days lost figure has not been finally adjusted. The frequency rate for the first six months of the year (number of accidents per 1,000,000 man-hours of work) was 1.9 and the severity rate (number of days lost per 1,000,000 hours of plant operations) was 44.

For 1957 the figures were five disabling injuries for the comparable period with 195 days lost, a frequency rate of 0.9 and a severity rate of 35. In comparison, the 1958 record shows an increase of 120 per cent in number of injuries and 32 per cent in number of days lost from work.

Excluding the eight radiation exposure, the other three disabling injuries during the first six months of 1958 consisted of two chemical burns and one temperature burn. In 1957 the five lost time injuries for the same period were three temperature burns and two fractures.

Hospital Operation Up To Ridge Voters

Three Groups Seek Important Assignment

In addition to voting for candidates for county, state and federal offices at the polls tomorrow, Thursday, August 7, Y-12ers and other Oak Ridgers will find an issue of utmost importance to the Atomic City on their ballots. It is the question of what organization will own and operate the new Oak Ridge Hospital after incorporation of the city in the future.

Three groups will seek approval of the Oak Ridge voters in the referendum to be conducted in connection with tomorrow's election. They are the City of Oak Ridge, the Holston Conference of the Methodist Church, Inc., and the Oak Ridge Hospital Association, Inc.

A majority of more than 50 per cent of all votes cast is required to designate the operator. If none of the three receive a majority, a runoff referendum will be held November 4.

The new hospital, to cost approximately \$3,000,000, now is under construction by the Atomic Energy Commission. When it is completed and ready for use, it will be turned over for ownership and operation to the group approved in the referendum.

NAUMER HEADS BOARD

Walter Naumer has been elected chairman of the board of directors of Pyrofax Gas, Limited, a subsidiary of Pyrofax Gas Corporation, a Division of Union Carbide Corporation. He also is president of the corporation, which he joined in 1926.

Mechanical Operations Division Safety Mark Big Factor In Overall Y-12 Record

In establishing its overall fine safety record throughout the past several years, the Y-12 Plant Area mark has received a big boost from the employees of the Mechanical Operations Division. J. M. Case, Superintendent of the Mechanical Operations Division and a long-time Y-12er, is one of the plant's most ardent proponents of safety in all phases of the Division's work, with the result that intensive safety training is a "must" for all employees in the Division.

According to the trade magazine, Flow, the best record in a commercial plant with comparable work in hot and cold metals such as is performed by the Y-12 division was posted by the American Welding and Manufacturing Co., of Warren, Ohio. This firm, rated as a "medium" size plant with an

average of 1,200 employees, is accredited with a mark of 3,400,000 hours of plant operations without a disabling injury.

According to Y-12 Safety Department estimated figures, the Mechanical Operations Division through July 31, had worked 3,861,315 hours without a lost time accident. The last charged disabling injury in this Division was on September 28, 1956. The Division has had an average of 1,000 employees during this period.

The Mechanical Operations Division — although not formally claiming any world's record in its safety operation—nevertheless invites any commercial industrial firm in the world with similar operations or any group in the Union Carbide Corporation to compare figures.

ORNL Man In Y-12 Slated For Physics Seminar Talk

H. W. Morgan, an Oak Ridge National Laboratory employee in the Physics Division and stationed in the Y-12 Plant Area, will speak at a meeting of the ORNL Physics Division physics seminar on Friday afternoon of this week, August 8. The meeting will be at 3:15 p.m. in the auditorium of Bldg. 4500, ORNL.

The discussion subject will be "Infrared Spectroscopy and Small Molecules." Y-12ers interested in the topic are invited to attend the session.

EXPANSION PLANNED

The Union Carbide Chemicals Company in Canada has announced the expansion of the polyethylene producing facilities at its East Montreal plant. The project will increase the plant's polyethylene capacity by 12,000,000 pounds per year and is scheduled for completion in April, 1959.

The Bulletin

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UCC Net Income Up For Second Quarter 18 Per Cent Increase Reported For Period

The net income of Union Carbide Corporation increased 18 per cent during the second quarter of 1958 as compared to the first three months of the year, according to a recent Corporation announcement. Economies of operation effected during the first six months of the year brought about the improved profit margins.

Sales Volume Improves

Although sales of \$294,827,509 in the second quarter were at the same level as first quarter sales of \$294,077,919, the month sales volume improved during May and June after a slight downward trend in the first quarter.

The outlook for the balance of the year is for continued improvement, particularly in alloys, and electrodes, the product groups most seriously affected by the business decline.

90 Cents Dividend Declared

Sales for the first six months of 1958 amounted to \$588,905,428, a decrease of 15 per cent below sales of \$690,416,175 during the first half of 1957. Net income for the first half of 1958 amounted to \$49,901,375 or \$1.66 per share, a decline of 28 per cent from \$69,601,905 or \$2.31 per share in the comparable period in 1957.

The UCC Board of Directors declared a quarterly cash dividend of 90 cents per share, payable September 2, to stockholders of record August 1. This is the same dividend declared for the past several quarters.

Ernest C. Johnson Rites Held At South Harriman

Many Y-12 friends and fellow employees of Ernest C. Johnson, 44, an electrician of Electrical Maintenance, were shocked and saddened by his unexpected death while working Tuesday, July 29. Death was attributed to a heart attack but the former Y-12er had not complained of being ill previously.

A group of fellow employees attended funeral services held last Friday afternoon at the South Harriman Baptist Church to extend their condolences to the survivors.

The former Y-12er came to work here on June 1, 1954. He was a native of Harriman, where he lived. A veteran of World War II, he was a member of the Veterans of Foreign Wars.

Survivors are his widow, the former Kitty Lee Ogg, of Knoxville; three sons, Samuel Richard, Jack Joseph and Walter Grant; one daughter, Miss Crenna Sue Johnson; and his mother, Mrs. William Johnson, all of Harriman. Also surviving are six brothers, Marvin and Herman, Dayton, Ohio; Fred, of the United States Navy; Charlie, of Harriman; George, Jackson, Miss.; and two sisters, Mrs. Nelson Morrow, Newark, N.J.; and Mrs. Thomas Dalton, Harriman.

More than 95 per cent of vehicles involved in fatal accidents on U.S. highways in 1957 were in apparently good condition.



Mrs. and Mr. Randell Maney



MANEY-WILLIAMS

Following their marriage in Oak Ridge July 3, Mr. and Mrs. Randell Maney are at home in Cocoa, Fla., where the groom is with Convair Aviation Corp. at Patrick Air Force Base. Fathers of both the bride and groom are Y-12 employees.

The bride is the daughter of Frank E. Williams, of Process Maintenance, and Mrs. Williams, of 112 Ashland Lane, Oak Ridge. Father of the groom is H. A. Maney, General Machine Shop, who lives at 760 West Outer Drive.

The couple exchanged marriage vows at the home of the bride's parents with the Rev. T. M. Megar, pastor of the Glenwood Baptist Church, Oak Ridge, performing the ceremony.

Given in marriage by her father, the bride for her wedding selected a ballerina-length gown of Chantilly lace over satin, fashioned with a square neckline outlined with lace and long sleeves coming to a point over the hands. Her illusion veil was held in place by a tiara of crocheted lace made by the bride's cousin, Mrs. W. J. Wheeler, of Birmingham, Ala. She carried a spray of white chrysanthemums.

Miss Beth Williams, sister of the bride, was maid of honor. She wore a gown of pink voile designed with a shoulder-draped neckline. Her flowers were pink carnations.

Best man was Howard Maney, brother of the groom.

ENTREES ANNOUNCED FOR SPECIAL LUNCHES

Corned beef hash will be the appetizing entree on the 50-cent Special Lunch to be served tomorrow, Thursday, August 7, at the Y-12 Cafeteria. On next Tuesday, August 12, old-fashioned baked beans will be the main dish. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.



They can't slay an old goat like your Colyum Conductor — he's bright-eyed and bushy-tailed again after that tilt with the tummy ache—to bring as an introduction another rib-tickling sign over an ancient musket in that Daytona Beach eatery he so favors—

"This Gun For Hire—For Weddings Only."

Oh well — on with the gossip of the week around the premises.

MAINTENANCE

All folks in the Maintenance Division and many other friends all over Y-12 extend sincere condolences at Al Groppe, whose mother died July 28 at Milwaukee, Wis. Mrs. Groppe was 94 years old and was buried in Dubuque, Iowa.

A whole flock of get well wishes are rushed, pronto, to Elmore Koons, Mechanical Maintenance, who has been consigned to Oak Ridge Hospital for a check-up . . . Likewise to R. A. Cate and A. A. Armour, also on the sick list . . . W. L. Nelson has been jurying over in Roane County . . . Dan Stroud is back at work and in the golfing wars again after a trip to New York . . . The department cast out the crimson carpet of welcome (not Goldfine variety) to Grace Watkins last week.

This husky young lady with the bright outlook on life is little Miss



Mary Diane Welch, whose Daddy is John Welch, of Process Maintenance. She is three months old, going on four come August 12 . . . Elsewhere in the department R. H. Bacon is painting his house and planning a trip to Watts Bar Lake while vacationing . . . R. L. McGinnis is taking it easy in Oak Ridge . . . C. R. Eichelberger is entertaining his family, from Missouri . . . A. M. Kirksey is visiting kin folks in Georgia and Alabama . . . W. B. Daugherty is taking in sights in Atlanta . . . C. M. Neal also is somewhere in Georgia . . . Jay Holzknecht is the newest Pop of the department with a new daughter joining the family on July 25, weighing seven pounds, 10 ounces and named Lee Ann — Pappy took his vacation prior to the blessed event to take care of the other youngsters while his wife was in the hospital.

Research Services welcomes B. W. Beckham back after a long illness . . . Get well wishes are sent to the son of John Lowe, who is recovering at home after surgery at Baptist Hospital, Knoxville . . . Carl Bridges is camping out over in the Smokies — with one eye cocked for bear . . . A. A. C. Hitchcock is up in Youngstown, Ohio . . . B. N. Pinegar is in the Sunshine State . . . P. L. Holland is seeing the sights of Chattanooga . . . J. L. Spray went to Pittsburgh, Pa. . . L. Richardson and E. H.

Gouge are in Charleston, S. C., and E. E. Oliver is at home harvesting grapes.

INDUSTRIAL RELATIONS

The Cafeteria sends get well wishes to Mayme Hundley, sick at home in Knoxville . . . Ed Frye and the missus celebrated their 25th wedding anniversary August 5 in Knoxville and were guests at an open house given by friends . . . Tommy Goss is vacationing at home in Knoxville.

Capt. Emmett "Catfish" Moore, of the Fire and Guard Departments, still was in training for invasions, occupations or whatever activities the Marines can cook up last week at Little Creek, Va. . . Capt. E. F. Greer is in Cleveland, Ohio, to see his son compete in a roller skating meet and also to see some big league baseball . . . Fireman G. I. Davis is just "messin' around" home at Heiskell while vacationing . . . Get well wishes are extended Guard D. H. Patterson, out with the miseries.

The Carl Coopers, Sr., are vacationing this week with an extensive travel routine planned—first to Middle Tennessee and then all the way to Key West, Fla., taking in both sides of the Sunshine State. He's the bossman in Wage Standards.

TECHNICAL

Harold Williams, Special Projects, is reported wearing a heavenly smile while driving around in his new golden chariot — hope he doesn't have an angelic serenade . . . Frank McGinnis is parading around Pennsylvania and Delaware while vacationing . . . Ernie Zurcher took a couple of days off for relaxation and George Lockhart is back from vacation bouncing like a golf ball . . . Eddy, Ella Stansell's hubby, just will have to forego home cooking while they are getting organized in their newly rented house . . . George McGown, the Massachusetts native, has abandoned carpentry and is slapping many coats of Plymouth gray paint on the exterior of his house.

Paul Bass and Ed Owings, SS Material Control, spent a recent week-end camping at Tellico where the latter became an authority on the casting of plugs—particularly for catching snakes with a rod and reel . . . Frank Carringer, a Knoxville native, is welcomed into the department.

Tabulation Service reports Elizabeth Wilson vacationing at Lake Janaluska, N. C. . . . Jim Gillcrust is staying at home in Oak Ridge . . . Welcome back to Geneva Gearing.

E. W. Bailey, Quality Control, and family are vacationing in the Lake Erie section of Ohio . . . Bobby Carter spent another week putting final touches on his home in South Clinton.

The B Group of Production Assay bid farewell last week to Barbara Messenger, who is leaving Y-12 . . . Verney Sharp's mother and father are visiting



Miss Patsy Lee Burns



BURNS-GOLDEN

Mr. and Mrs. Harry Everett Burns, of Harriman, Tenn., have announced the engagement of their daughter, Miss Patsy Lee Burns, to Joseph Carroll Golden, of Sparta, Tenn. He is the son of Mrs. James Hiram Golden, of Sparta, and the late Mr. Golden.

The father of the bride-elect is a foreman in the Y-12 Beta Two Department.

The couple plans a mid-August wedding.

The bride-elect is a senior at Tennessee Polytechnic Institute, at Cookeville. The groom-to-be is an associate professor of business administration at TPI.

Verney's brother in West Palm Beach, Fla.

Bill Moechl, Special Testing, and family are slaying Injuns in Kansas . . . K. C. Anderson is back safe after a Maryville vacation.

The SS Chemical group of Development Operations sends speedy recovery wishes to Bill Burns, ill in a Rockwood Hospital.

Mechanical Engineering sends best wishes for a speedy recovery to John Thomas, who will have to take it easy for some time following an attack of ticker-trouble . . .

Leon Sealf is cashing in on another week of vacation with a possible trip to Daytona Beach on the agenda this week—just look at the time he's wasted . . . Tommy Swindell is back after enjoying a week in his new home in Cumberland Estates . . . The Tom Keanes were hosts to the wife's sister and husband from Indianapolis, Ind., last week . . . The Wilbur Allins spent a lazy week end on a Norris Lake houseboat and Wilbur says he also learned how to ride those skis . . . The O. T. Smiths were visited recently by his brother, of the Air Force, who is in process of being transferred from a base in Chicago to a radar school in Denver, Colo. . . . Speaking of the Air Force, Wimpy Hilton says his son, Stanley, has joined up.

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SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

Vic Defenderfer, aide de camp to Finley Creigh, B Shift Superintendent, is working around home this week while vacationing.

T. L. Moore, Utilities, is the Proud Pop of a baby girl born July 28—no further statistics.

E. J. Garrett, Steam Plant, is vacationing in the Cumberland Mountains . . . W. F. Huffman went toward Gulfport, Miss.

CHEMICAL

Product Processing extends sympathy to Myrtle Leach, whose mother died recently.

Vacationing in the Chemical Department is R. E. Schabot at home in Oak Ridge with a jaunt to Gatlinburg and the Smokies . . .

Continued on Page 4

Meet The Press . . . The Bulletin Reporters



THESE REPORTERS FOR THE Y-12 BULLETIN COVER DEPARTMENTS IN THE ENGINEERING departments of the Technical Division. From left are Kay Sideris, coordinator for the Engineering departments; Frank Fuis, Mechanical Engineering; JoAnn Kinkaid, Project Engineering; Byron North, Civil and Architectural Engineering; and Mildred Lister, Process Design.

Early Birds Fly Twice Over Cubs

Late Rallies Needed; Whiz Kids Rip Rebs

The Early Birds flew over the Cubs for a pair of wins last week in the Y-12 Softball League to gain undisputed hold on first place in the second half of the race. Late rallies in each game gave the Birds victories by 11 to 7 and 6 to 5. In the only other diamond battle the Whiz Kids whopped the Rebels by 21 to 6. The Reactors got a forfeit from B Shift, which dropped from the league; and the Whiz Kids added a win over the Cubs by the same route.

Last Inning Runs Win

The Early Birds were trailing by one run going into the last inning, of the first triumph over the Cubs, but blasted five runs across for the decision. Compton, Williams and Kirkpatrick each tripled for the winners and the latter played an outstanding defensive game in left field. Fowler, Grubb and Hendricks paced the Cubs at bat with two hits each.

In the second game the Birds had to come from behind again in the eighth inning to score twice for the overtime victory. Rhea's single drove across the tying and winning runs for the Birds and a homer by Kirkpatrick also helped the cause.

Whiz Kids Wallop Ball

The Whiz Kids had their wallop clothes on to batter Rebel hurlers for 16 hits, received eight bases on balls and took advantage of five errors. Summerfield and Lee homered for the victors and Miller hit one out of the lot for the Rebels.

Line scores and league standing follows:

Team	R	H	E
Early Birds	210	201	5-11
Cubs	101	320	0-7

Batteries: Early Birds, Phillips and Rhea. Cubs, Helms, Grubb and Crawford.

Team	W	L
Cubs	100	300
Early Birds	100	030

Batteries: Cubs, Grubb and Crawford. Early Birds, Compton and Rhea.

Team	W	L
Rebels	002	121
Whiz Kids	613	623

Batteries: Rebels, Halsey, Teno and Miller, Whiz Kids, Hatmaker and Farris.

Johnson-Whitman Hold DH Loop Lead

Although beaten by three points by the Bob Schaich-Grover Cain team in the Union Carbide Nuclear Company Golf League at the Deane Hill Country Club, the Clarence Johnson, Y-12, and Graddon Whitman duo held first place in the loop by a narrow margin after the fifth round of play in the second half of the season. Clyde Bowles, Y-12, and Emil Vincens, Oak Ridge National Laboratory, took three and one-half points from Joe Williams, Y-12, and John Cleland. Three-point triumphs also were posted by Charley Susano-J. C. White over Fred Young-Paul Comer and Frank Potts-W. B. Anderson over Clyde Odom-Gerry Keilholtz.

League standing follows:

Team	W	L
Johnson-Whitman	14 1/2	5 1/2
Schaich-Cain	13	7
Susano-White	12 1/2	7 1/2
Odom-Keilholtz	10 1/2	9 1/2
Young-Comer	10	10
Bowles-Vincens	9	11
Williams-Cleland	5 1/2	14 1/2
Potts-Anderson	5	15



THESE CUBS HAVE BEEN CREATING quite a stir in the Y-12 Plant Softball League this season, having two victories over the Reactors, first half of the season champions. In the front row, from left, are R. Carper, C. Helms, W. Smith, B. Grubb, J. Kendrick and Manager C. Kendrick. In rear are W. Fowler, C. Myers, R. Hickey, M. L. Crawford and R. Scaff. Absent when picture was made were Clyde "Lefty" Carter and Shorty Burnette.

Gambill-Hamby Retain Lead In Close Ridge Loop Race

Ed Gambill and Newt Hamby held on to their lead in the Y-12 Golf League at Oak Ridge last week with a four-point win over Speas-Cabe. Logan Emlet and Art Hines, 1957 champions who have been climbing steadily toward the top spot, were temporarily derailed in their efforts to again lead the bunch when they were upset for four points by Jack McLendon and Bill Mee, ending up in a second place tie.

Three whitewash wins were posted with Davis-Arrowood topping Kahley-Evans, Anderson-Nichols taking six points from Youngblood - Gilcrease and Dehoney - Buckminster handing Mitchel-Tibbatts a similar defeat. Wallace-Patterson walloped Oxford-Collins for five and Orrison-Thomson beat Underwood-Shatley by the same score. Other four-point victories were posted by True - Kennedy over Whitehorn - Brown, Holzknicht-Peckman over Taylor - Lockhart, Ratjen-Snyder over Stroud - Tiller, Pletz-Roberts over Bartholomew - Smith and Hopkins - Belvin over Boyd - Oliphant.

Irving Speas, Hamby and Gambill each fired 37 to tie for low scratch score of the session. In handicap scoring they had 30, 32, 32 respectively.

Colorado Hunting Trip Is Proposed

E. J. Delaney, of the Forming Department, is seeking to organize a deer and elk hunt in the Colorado mountains in October. The season out there opens on October 15 and the Y-12er suggests that if a party can begin October 13, several days of fine hunting can be had. The managed hunts are held in an area about 200 miles west of Denver. Any Y-12ers interested in the project are asked to communicate with Delaney at plant phone 7203, home phone Knoxville, 8-1106.

Kendig-Coley Take Horseshoe Lead

The Kendig-Coley team took over first place in the second half of the season in the Y-12 Plant Horseshoe League last week when it added three points via the forfeit route from Hackett-Helton. Beckett-Smith beat Hart-Zupan two straight games for three points and Horton-Vermillion took a similar verdict from Hartridge-Bittner. Dunlap-Stanley drew a bye.

League standing follows:

Team	W	L
Kendig-Coley	6	0
Dunlap-Stanley	3	0
Horton-Vermillion	3	0
Beckett-Smith	3	0
Hart-Zupan	0	3
Hartridge-Bittner	0	3
Hackett-Helton	0	6

League standing follows:

Team	W	L
Gambill-Hamby	62	22
Emlet-Hines	58	38
True-Kennedy	58	38
Orrison-Thomson	58	38
Underwood-Shatley	57	39
McLendon-Mee	57	39
Holzknicht-Peckman	57	39
Boyd-Oliphant	56	34
Anderson-Nichols	54	42
Kahley-Evans	52	44
Speas-Cabe	52	44
Dehoney-Buckminster	50	46
Stroud-Tiller	48	48
Wallace-Patterson	46	50
Bartholomew-Smith	45	51
Davis-Arrowood	45	51
Whitehorn-Brown	44	52
Oxford-Collins	43	53
Ratjen-Snyder	39	57
Pletz-Roberts	39	57
Mitchel-Tibbatts	36	60
Taylor-Lockhart	34	62
Hopkins-Belvin	29	67
Youngblood-Gilcrease	27	69

Elam, Krouse Coach Powell LL Champs

Y-12's Fire and Guard Department Chief W. O. Elam as a side line is a Little League baseball coach of note. For the second straight year a team of Powell youngsters coached by the Y-12er have captured first honors in an independent Little League at the Knox County community. His Lions Club sponsored team this year had an eight won and two lost record in the league and an 11-2 overall record.

Chief Elam was aided in coaching the Powell youngsters in the eight-12 year bracket by Y-12 Fire and Guard Department Capt. Henry "The Mouse" Krouse. Captain Krouse played baseball at the University of Tennessee, where he also was a star footballer, and also performed in semi-pro diamond circles as a third baseman in Kentucky and Alabama.

Lenoir Loop Led By Spradlin-Knott

Spradlin-Knott took two points from Harris-Hardy to retain their lead in the Lenoir City Golf League for Y-12ers as the second half race is developing into a close battle. Kinkaid-Hicks were close behind the leaders with a two and one-half point win over Stinnett-Ware. Thompson-Rogers got two from Collins-Watson, the Gilliam brothers got three points by forfeit from Loveless-Webster and the Clause-Houston and Henck-Clabough match was not completed.

Knott fired a 40 for low scratch and Harris 37 for low handicap score.

League standing follows:

Team	W	L
Spradlin-Knott	12	3
Kinkaid-Hicks	11	4
Harris-Hardy	9 1/2	5 1/2
Gilliam-Gilliam	9 1/2	5 1/2
Henck-Clabough	8 1/2	3 1/2
Stinnett-Ware	8	7
Collins-Watson	5 1/2	9 1/2
Thompson-Rogers	4	11
Clause-Houston	4	8
Loveless-Webster	0	15

Fifth And Final Y-12 Golf Tournament Of Year Slated For Ridge On August 16

Early Tee Off Time Of 6 A.M. Is Required To Get Anticipated Big Crowd Away In Event

The fifth and final Y-12 Golf Tournament of the season will be staged Saturday morning of next week, August 16, at the Oak Ridge Golf and Country Club. With a record entry list expected for the event, tee off time will start at 6 a.m. and foursomes will begin activities every eight minutes after the opening drive until all players are underway. No players may start tournament action after 10 a.m.

In order not to interfere with regular club players at the Oak Ridge course, all Y-12 tournament contestants will start at the No. 1 tee.

Phone for Starting Times

The competing Y-12 foursomes will be given their exact starting times today, Wednesday, August 6, by the Recreation Department, by communicating with the department, phone 7751. All players are urged to be at the No. 1 tee and ready for action at least 10 minutes before their regular starting time. Any foursome not ready to start on schedule will be moved to the bottom of the starting list.

The usual rules in effect for all Y-12 tournaments will be used in this final event. Contestants will be divided into four divisions, based on handicaps, and prizes of golf balls awarded four low scorers in scratch and handicap in each division and also for the most pars and second most in each division.

Play Should Be Speeded

To expedite play, golfers should proceed with as little delay as possible. Players hunting lost balls should allow following foursomes to play through and when a hole is completed, golfers should immediately go to the next tee before figuring scores.

Plans now are being made for the annual all-Carbide Golf Tournament with the date probably being announced within the next few days. This is one of the big events of the year for all Union Carbide Nuclear Company golfers in Oak Ridge and should draw another big field of contestants.

Courses In Golf Being Offered

Y-12ers interested in taking golf lessons at the Oak Ridge Golf and Country Club are urged to communicate with the Recreation Department, Bldg. 9704-2, plant phone 7751. If sufficient players want to take a course of six lessons, arrangements will be made for the group. At least 15 applicants are desired.

If the lessons are arranged, they will start on Thursday, September 4, and will be held on Tuesdays and Thursdays with the course consisting of six lessons. The lessons will begin about 6 p.m. and anyone enrolling for the course will be urged to continue them through to completion in order to get the most good out of the instruction.

Laggis-Perry Win Playoff Match

Laggis-Perry defeated Byrd-Stephens in a tough tennis match by 7-5, 6-4 in a playoff match for the first half title in the Y-12 Men's Doubles Tennis League. The winners are scheduled to meet Fischer-Horton for the championship.

League standing at the end of the first half of the season follows:

Team	W	L
Byrd-Stephens	4	1
Laggis-Perry	4	1
Fischer-Horton	3	1
Caudill-Disney	1	2
Johnson-Wyatt	1	3
Gregory-Nicely	0	5

1,400 Muskies Are Released At Dale Hollow

Here's good news for Y-12 fishermen for future reference.

Director Forrest V. Durand of the Tennessee State and Game and Fish Commission announced that 1,400 fingerling muskies have been released in Dale Hollow Reservoir after making an aerial journey from Wisconsin. The fish were purchased by the Commission from the R. W. Simmons Co. and flown to Tennessee from their hatchery at Land-O-Lakes, Wis.

Placed In Weedy Areas

The plane landed at Sewart Air Force Base at Smyrna where the fish were transferred to a helicopter to be transported to Dale Hollow where they were released in weedy areas along the shore.

The two to three-inch muskies were sealed in plastic bags, 100 per bag, with water and pure oxygen, and each bag was then placed in a cardboard carton for shipping. The fish were released at several places along the lake shore selected beforehand by Don Estes, district fisheries biologist.

Dale Hollow Best Suited

Dale Hollow was chosen for the release because it is the best suited impoundment in the state for muskies. The tributary streams which feed into it are streams which contained muskies until they were killed out by coal mine pollution. The water in the lake is clear and relatively soft, which is ideal for the requirements of this species. Weed beds along the shores will provide escape cover for the muskie fry. It is anticipated that 1,400 muskies will be sufficient to establish them if they can be successfully introduced into these waters.

Campbell Has Slim Lead In Singles Play

Sam Campbell held a slim lead over Christian in the Y-12 Men's Singles Tennis League last week by defeating Perry 6-1, 6-4 and the second-place netter posted a 6-0, 6-1 triumph over Sheehan and a 6-1, 6-3 win over Laggis. Rek-meyer took Sheehan 6-1, 6-3 and Laggis also beat Sheehan by the same score. The loser of these two matches, however, beat Harper 6-3, 6-3. Robinson beat Harper twice during the week, both by 6-0, 6-1. Perry won a hard-fought match from Rek-meyer by 7-5, 6-4 and Laggis and Rek-meyer each had forfeit wins from Caudill.

League standing follows:

Team	W	L
Campbell	8	0
Christian	7	0
Robinson	4	1
Laggis	5	2
Perry	4	3
Rekmeyer	2	2
Fischer	3	4
Sheehan	3	5
Caudill	2	7
Kuhn	1	5
Horton	1	6
Harper	0	6

A chip on the shoulder is about the heaviest load a man can carry.



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Continued from Page 2
Week-ending in Birmingham, Ala., was **Jo Ann Isham**, the Colyum's fine reporter down thataway, who was visiting her brother and his family — going along with her was her mother and sister . . . Recent week-end guests of **June Sherill** and her husband, Hudson, of ORNL, were his parents from Akron, Ohio.

MECHANICAL OPERATIONS

No wonder **Cindy Webster**, daughter of **Eddie Webster**, Z Area, is beaming — she was snapped on her recent second birthday when she received the rocker in which she is sitting and the pooch she is happily holding and topped off the occasion with a bunch of other young friends by filling up on cake and ice cream . . . **Bill Butturini** is taking it easy around home this week . . . **O. W. Garrett** is gone to Georgia.

Ernest Kennedy, Production Control, and family are vacationing at Carlisle, Ohio, at Silver Lake Beach . . . **George McCurry** and the missus are in the Ozark Mountains of Arkansas . . . **George Phipps** is attending Reserve camp at Fort Bragg, N.C. . . . Get well wishes are sent the son of **Harold Babb**, ill in the Portsmouth Naval Hospital . . . Likewise to **T. B. Caldwell** . . . The welcome mat was rolled out last week to newcomers **Geraldine Bryan**, **Dan Morgan** and **J. Atwater**.

Tool Grinding and Maintenance has **H. H. Gresham** on vacation at home in Knoxville . . . **I. D. Gilley** is spending the second week of his vacation in the Smokies and over at McMinnville, Tenn. . . . **A. E. Parsons** may go to Alabama for the last week of his vacation . . . Get well wishes are extended **S. T. Crisp**, **R. E. Moore** and **C. F. Charpie**.

The Sunflower Shop rushes rapid recovery wishes to **W. L. Blackrod**, ill in a Clarksville, Tenn., hospital . . . **J. H. Morgan** and **L. A. Stutts** are welcomed back after lingering illnesses . . . **K. G. Kincaid** vacationed at home last week to become acquainted with his new daughter . . . **J. W. Kyle** went to Indiana . . . **R. R. Galford** picked Virginia . . . **J. H. Nash** took in Florida . . . **G. L. Miller** was in Miami last week . . . Birmingham got **Carl Dorr** . . . Stay-at-homers included **E. J. Hill**, **W. T. Rumph**, **L. B. Elkins**, **L. E. Pate** and **A. E. Jolley**.

Vacations compose all the goings-on in the General Machine Shop . . . **Willard C. Crawley** is spending a week with his brother in Detroit, Mich. . . . **P. J. Arrowood** is visiting his wife's relatives in Virginia . . . **Wiley P. Ingle** is touring Georgia and South Carolina . . . **Warren F. "Groucho"**

Cartwright is taking it easy at home in Maryville with a camping trip planned to the Smokies . . . **Furman Swanson** hopes to work on his new house in Hardin Valley . . . **Leslie L. Spear** is doing some Dale Hollow fishing and visiting his old home in Nashville. . . . **Percy C. LaRue** is taking off for two weeks to take his daughter, a recent visitor, home to Oklahoma City . . . South Carolina and Florida drew **Don E. Blackburn**, who took his son, Jerry, along to catch the fish . . . **R. E. Lively** is visiting kin folks in Michigan . . . **Cota Tharp** is rambling around the Smokies . . . **A. T. "August" Sharp** is resting at home in Caryville . . . **J. B. Fincher** is doing likewise in Oak Ridge . . . **E. Smith** is at home in Knoxville helping tend his new son, who weighed five pounds, 12 ounces at birth . . . **W. F. Sharp**, **Avis Collins**, **C. B. Smith** and **Tom A. Cagley** are circulating around East Tennessee . . . **Russ Hopper**, the old un-reformed Kentuckian, is back from a week-end trip to Birmingham where he visited his daughter and son-in-law, Mr. and Mrs. Jim Riffle (she's the former Miss Joan Hopper) in their beautiful new home.

WESTCHESTER LAB PROCEEDS

Construction of Union Carbide Chemicals Company's technical service laboratory will proceed at UCC's Westchester property near Tarrytown, N. Y., as originally planned. Work will start within six to eight weeks with completion set for late 1959 or early 1960. The laboratory will be a three-story building housing 53 individual laboratory units and a 200-seat auditorium. These facilities will be completed with a mechanical test building for pilot plant work. The status of the other buildings planned for the Westchester site — all of which had been deferred in February pending further study — remains unchanged.



THERE'S ALWAYS ROOM for a picture of a cute baby—and here is the great niece of Barbara Thomas, The Bulletin's reporter in Process Maintenance. The little lady is **Debbie Parrott**, two months old daughter of Mrs. Frances Parrott, Cleveland, Ohio, and a niece of the Y-12er. Mrs. Velma Gorman, sister of Barbara, is the mother of Mrs. Parrott.



PICTURE OF THE MONTH for July in the Y-12 Weekly Photographic Contest was this snapshot of baby shoes by Roy Monger, Alloy Shop, which won first place in the contest for the week ending July 3. Note the tiny feet in upper left corner just waiting to jump into the footwear.

Rides Wanted, Offered

Ride wanted from Fountain City area to North Portal, straight day.

R. B. Clark, plant phone 7-8202, home phone MY 1-5309, Knoxville.

Ride wanted from Kingston to Central Portal, J Shift, G. W. Howdyshell, plant phone 7074, home phone FR 6-9526, Kingston.

Ride wanted or will join car pool from Graveston, Knox County, to any portal, H Shift, F. E. Wright, plant phone 7074, home phone MY 1-6328, Knoxville.

Want to join car pool from Highland Drive, Fountain City, to West Portal, straight day, Wilma West, plant phone 7757, home phone MY 1-4796.

Ride wanted from 1005 Sevier Ave., Knoxville, to Bear Creek Portal, straight day, Barbara Thomas, plant phone 7-8209, home phone 5-2365, Knoxville.

Ride wanted from Heiskell and Johnson Sts., North Knoxville, to Central or West Portal, straight day, C. C. Chamberlain, plant phone 7302, home phone 5-2123, Knoxville.

Contract Awarded By UCC For Building Laboratory

The general contract for construction of the Sterling Forest Laboratories near Tuxedo, N. Y., to be operated by Union Carbide Nuclear Company, have been awarded by Union Carbide Corporation, of which UCNC is a Division. Joseph L. Muscarelle, Inc., Maywood, N. J., will carry the construction of three of the five buildings in the project through to completion, with completion date set for the middle of next year.

The three buildings to be constructed by the New Jersey firm are the main administration and research building, a power and utilities building, and the ores and minerals laboratory. Work on the other two structures, the reactor building and the radioactive buildings, will start later. Union Carbide Ore Company and the Union Carbide Research Institute will occupy part of the buildings for their programs.



Get well wishes are extended the following Y-12ers who were patients last week in the Oak Ridge Hospital:

H. D. Pierce, Process Maintenance; **D. H. Patterson** and **C. B. Hillard**, Guard; **G. D. Treece**, Electrical Maintenance; **W. E. Loveless**, Product Processing; **S. F. Sparks**, E. M. McCullough and **E. W. Koons**, Mechanical Maintenance; **L. A. Watson**, Sunflower Shop; **Ernest Duncan**, Mail Room; **R. J. Strickland** and **O. L. Evans**, Buildings and Grounds; **J. T. White**, Utilities; **N. D. Pickens**, Chemical; **Emogene B. Griffin**, Production Assay.

Ingenious Y-12ers Construct Boat, Auto In Spare Time

Craft For Family; "Hot-Rod" For Boy

A couple of ingenious and industrious Y-12ers have produced a pair of vehicles for water and land travel in their spare time that will do everything "store bought" items in the same line will accomplish. In addition, they have provided entertainment for themselves and their families that far offsets whatever trouble and time that was put into their efforts.

The Y-12ers are **A. O. Roberts**, of the General Machine Shop; and **A. L. Sawyer**, of Electrical Maintenance. Their products—a sports boat and a miniature automobile—are shown at right.

Powered By Cadillac Motor

Roberts started work on his 19-foot sports runabout boat last September and the trim little craft now is based at the Long Island marina on Watts Bar Lake. The boat is powered by a 150 horsepower Cadillac motor obtained from an old ambulance. It is constructed of mahogany, equipped with radio and spot lights as required by marine law. The radio has rear speakers for convenience of passengers in the stern of the craft.

There is a two-section walk-through front seat and a solid back seat giving a passenger capacity of six persons. The motor is covered with a tile-covered table top box and used for picnicking. To eliminate glare for the pilot and front seat occupants, the windshield is tinted.

Youngster Taught Safe Driving

Sawyer built the little "hot-rod" for his son, **Tommy**, five and one-half years old. A former automobile racer himself, **Sawyer** planned the sleek miniature vehicle so that the youngster can learn how to drive—and safely—over a one-tenth of a mile "track" in the **Sawyer** backyard garden in Knoxville.

The **Sawyer** "hot-rod" has a two and one-half horse-power Briggs and Stratton motor to propel the tiny vehicle at speeds up to 25 miles per hour. The transmission is controlled from a foot pedal. To start, the driver merely pushes on the pedal and to stop just releases the pressure. There is no throttle control as the air-cooled motor is placed at a prescribed set speed at the start.

No Time To Paint

The body is constructed of scrap metal—mostly aluminum from an old sign board. Wheels are small wheelbarrow wheels. So far the "hot-rod" hasn't been painted, **Sawyer** explains, because every time he has time to do the job, the youngster wants to drive the automobile. When—and if—the job gets painted, it probably will be a red and white combination, the same as the racing car the Y-12er used to pilot.

Anticipating the time when **Tommy** will outgrow his present car, **Sawyer** already is planning to build a larger vehicle for his son. The proposed car will be a "midget midget" racer with more power and speed. However, the Y-12er will continue to stress safety in operation of one or both machines.

Don't be a road hog.

Goggles On—



No Harm Done!



TWO "DO-IT-THEMSELVES" projects recently completed by Y-12ers are pictured above. At top is the inboard motorboat built by **A. O. Roberts**, General Machine Shop. Below is the "hot-rod" miniature automobile constructed by **A. L. Sawyer**, Electrical Maintenance, for his son, **Tommy**, the biggest youngster in the vehicle. The other occupant is the son of a neighbor.

Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 or 10 years of Company Service within the next few years:

15 YEARS

Helen K. Williams, SS Control, August 9.

Clarence E. Harris, Research Services, August 9.

Sarah B. Coram, Maintenance Planning, August 10.

Bruce C. Harrington, Research Services, August 10.

Capt. Harry L. Dickenson, Guard, August 10.

Irene H. Bryan, Cafeteria, August 11.

Edward L. Frye, Cafeteria, August 11.

10 YEARS

Ernest L. Boorn, Research Services, August 9.

Y-12er Heads Anderson County Utility District

Paris D. Pace, of the Y-12 Research Services Department, is head of the North Anderson County Utility District Commission that will build a water system to serve 6,100 residents of rural Anderson County. **Pace**, a resident of Lake City, has as fellow commissioners **Luther C. Wilson** and **Floyd Kesterson**, also of Lake City. This civic interest on the part of the Y-12er is typical of the outside activities of many UCNC employees.

The Utility District recently obtained a loan of \$725,000 from the Community Facilities Administration of the Housing and Home Finance Agency in Washington. The district plans to build reservoirs in the Clear Branch and Black Oak communities and obtain water from the Clinch River near the first site and from a spring on Black Oak Ridge.